

IEEE Cloud Summit 2020 Program

Note: all date and time is US Eastern Time

Room 1

Date	Session	Start time	End time	Authors	Title	
10/21	Keynote	9:00 AM	10:00 AM	Calton Pu	The Millibottleneck Theory of Millisecond-Scale Performance Bugs and Its Experimental Verification	
	Main	10:00 AM	10:20 AM	Zeyad A Al-Odat; Eman Al-Qtiemat; Samee Khan	An Efficient Lightweight Cryptography Hash Function for Big Data and IoT Applications	
		10:20 AM	10:40 AM	Shashikant Ilager; Rajeev Muralidhar; Rajkumar Buyya	Artificial Intelligence (AI)-Centric Management of Resources in Modern Distributed Computing Systems	
		10:40 AM	11:00 AM	Cheng-Yu Cheng; Hang Liu; Li-Tse Hsieh; Edward Colbert; Jin-Hee Cho	Attribute-Based Access Control for Vehicular Edge Cloud Computing	
		11:00 AM	11:20 AM	Mohamed Elsakhawy; Michael A. Bauer	FaaS2F: A Framework for Defining Execution-SLA in Serverless Computing	
		11:20 AM	11:40 AM	Jarred Carter; Husnu S Narman; Ozlem Cosgun; Jinwei Liu	Trade-off Model of Fog-Cloud Computing for Space Information Networks	
		11:40 AM	12:00 PM	Tim Weil	Standards for Cloud Risk Assessments - What's Missing?	
		12:00 PM	12:20 PM	Subhi Alrubei; Edward Ball; Jonathan Michael Rigelsford	A Secure Distributed Blockchain Platform for Use in AI-Enabled IoT Applications	
	Lunch Break					
		1:00 PM	2:00 PM	Weisong Shi	Edge Intelligence and Its application in Connected and Autonomous Vehicles	
		2:00 PM	2:20 PM	Richard M Zahoransky III; Wolfgang Mühlbauer; Hartmut Koenig	Towards Mobility Support in Edge Clouds	
		2:20 PM	2:40 PM	Xenofon Vasilakos; Walter Featherstone; Navdeep Uniyal; Anderson Bravalheri; Abubakar Siddique Muqaddas; Navid Solhjoo; Dan Warren; Shadi Moazzeni; Reza Nejabati; Dimitra Simeonidou	Towards Zero Downtime Edge Application Mobility for Ultra-Low Latency 5G Streaming	
		2:40 PM	3:00 PM	Srikanth Kambhatla; Brian Bian; Andrew Herdrich	Identifying operational points for deterministic execution in cloud computing	
		3:00 PM	3:20 PM	Amjad Umar	A Software Factory in the Cloud for Pandemics and other Disasters	
	3:20 PM	3:40 PM	Toka Elmasri; Nour Samir; Youmna Atef; Maggie Mashaly	Evaluation of CICIDS2017 with Qualitative Comparison of Machine Learning Algorithm		
	3:40 PM	4:00 PM	Wellington S Martins; Julio Cezar Estrella; Sarita Mazzini Bruschi; Leonildo José de Melo De Azevedo; Gabriel Tomiatti Andreazi	Performance evaluation for signing JSON tokens in access control for the cloud of things		
	4:00 PM	4:20 PM	Rohit Ranchal; Olivia Choudhury	SLAM: A Framework for SLA Management in Multicloud ecosystem using Blockchain		

Room 2

	Start time	End time	Presenter	Title
	9:00 AM	9:50 AM		
Tutorial	10:00 AM	12:00 PM	Zachary Pelkey Alec Wantoch (Akashic Technologies)	Deploying High Availability Applications Using IPFS
	2:00 AM	3:00 PM	Michael Proksch (h2o.ai)	How to (not) drive Business Value with AI
	3:00 PM	4:00 PM	Xiaoyi Lu The Ohio State University	High-Performance Data Processing and Management in the Cloud
Tutorial	9:00 AM	10:00 AM		
	10:00 AM	11:00 AM	Tim You Stuart Clark (Facebook)	Flexible Routing with Mcrouter
	11:00 AM	12:00 PM	Antony Kerz (Aetna, a CVS Company)	Bringing the benefits of kubernetes and containers to jenkins pipelines
Tutorial	1:00 PM	3:00 PM	Michael Proksch Benjamin Cox (h2o.ai)	H2O.ai : Responsible AutoML in the Cloud

10/22	Keynote	9:00 AM	10:00 AM	Krishna Kant	Configuration Management and Diagnosis in Multi-tenant Systems	
	Short paper	10:00 AM	10:20 AM	Martin G. Jaatun; Peter Haro; Christian Frøystad	Five Things You Should Not Use Blockchain For	
		10:20 AM	10:40 AM	Mina Gabriel; Sangwhan Cha; Nushwan Al-Nakash; Daqing Yun	Wildlife Detection and Recognition in Digital Images Using YOLOv3	
		10:40 AM	11:00 AM	Zheng Li; Francisco Millar-Bilbao	Characterizing the Cloud's Outbound Network Latency: An Experimental and Modeling Study	
		11:00 AM	11:20 AM	Bao Pham; Ronald C Jones; Majid A. Shaalan	Analysis of Cloud Bursting from the Openstack Infrastructure to AWS	
		11:20 AM	11:40 AM	Gabriel Tomiatti Andreazi; Julio Cezar Estrella; Sarita Mazzini Bruschi; Antonio Marcos Almeida Ferreira; Wellington S Martins	Performance Evaluation in an Architecture which Instance Hybrid Resources in Private Cloud	
	Workshop	11:40 AM	12:00 PM	Raghubir Singh; Simon Armour; Aftab Khan; Mahesh Sooriyabandara; George Oikonomou	Identification of the Key Parameters for Computational Offloading in Multi-Access Edge Computing	
		12:00 PM	12:20 PM	Pankaj Mendki	Evaluating Webassembly Enabled Serverless Approach for Edge Computing	
	Lunch Break					
		1:00 PM	1:20 PM	Abdul Razaque; Mohamed Ben Haj Frej; Dauren Sabyrov; Aidana Shaikhyn; Fathi Amsaad; Ahmed Oun	Detection of Phishing Websites using Machine Learning	
		1:20 PM	1:40 PM	Feiyang Wang; Xiaowei Shang; Jianchen Shan; Xiaoning Ding	Pace Control via Adaptive Dropout for Federated Training: A Work-in-Progress Report	
		1:40 PM	2:00 PM	Warren M Landis; Sangwhan Cha	Towards High Performance Stock Market Prediction Methods	
		2:00 PM	2:20 PM	Praveena Jakkula; Sreenivas Eeshwaraju; Iheb Abdellatif	An IoT based Three-Dimensional Dynamic Drone Delivery (3D4) System	
		2:20 PM	2:40 PM	Matthew Elbing; Jianchen Shan	The Linux Load Balance: Wasted vCPUs in Clouds	
	2:40 PM	3:00 PM	Tongtian Fan; Roozbeh Sadeghian; Siamak Aram	Deer-Vehicle Collisions Prevention using Deep Learning Techniques		
	3:00 PM	3:20 PM	Ozlem Cosgun; Amjad Umar	Smart Resource Allocation Advisor in the Cloud for COVID-19 and Other Pandemics		
	3:20 PM	3:40 PM	Hamida Khatri; Iheb Abdellatif	A Multi-Modal Approach for Gender-Based Violence Detection		
	3:40 PM	4:00 PM	Antonio Marcos Almeida Ferreira; Leonildo José de Melo De Azevedo; Julio Cezar Estrella; Aldexandre Delbem	Simulation Tools for the Development of a Public Transport Ecosystem with Mobile Sensors		
	4:00 PM	4:20 PM	Nandkumar A Niture; Iheb Abdellatif	AI-Based Airplane Air Pollution Identification Architecture Using Satellite Imagery		
	4:20 PM	4:40 PM				